# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L35 | 0 | ((brightness$3 or luminosit$3 or luminance) and (texel or textur$3) and pixel and image and interface and (blend$3 or convolv$3 or merg$3 or mix$3) and ((display or project$3 or screen) near3 (surface or shape))).CLM. | US-PGPUB | OR | ON | 2007/09/07 09:11 |

# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L34 | 68 | (L32 or L33) and ((textur$3 or texel) same (brightness$3 or luminosit$3 or luminance) ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 09:09 |
| L33 | 210 | (L7 or L8 or L9 or L10 or L11) and (image same (display or project$3) same (brightness$3 or luminosit$3 or luminance)) and ((target or display or screen) near3 (surface or shape)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:56 |
| L12 | 5 | (L7 or L8 or L9 or L10 or L11) and (image same (display or project$3) same surface same (brightness$3 or luminosit$3 or luminance)) and (GUI or "graphical user interface") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:56 |
| L32 | 176 | (L1 or L2 or L3 or L4 or L5) and (image same (display or project$3) same (brightness$3 or luminosit$3 or luminance)) and ((target or display or screen) near3 (surface or shape)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:55 |
| L31 | 78 | 345/584.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:55 |
| L30 | 41 | 345/585.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:55 |
| L6 | 28 | (L1 or L2 or L3 or L4 or L5) and (image same (display or project$3) same surface same (brightness$3 or luminosit$3 or luminance)) and (GUI or "graphical user interface") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:55 |
| S70 | 46 | 345/640.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:54 |
| S59 | 74 | 345/584.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:54 |

| S17 | 35 | 345/585.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/09/07 08:54 |
|-----|-----|-----|-----|-----|-----|-----|
| L29 | 53 | 345/640.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/09/07 08:54 |
| S44 | 0 | (S42 or S43) and (((brightness$3 or luminosit$3 or luminance) near7 (texel or textur$3)) same ((shape or geometry or surface) near3 (display$3 or project$3))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/09/07 08:53 |
| S42 | 147 | 345/1.2.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/09/07 08:53 |
| L27 | 0 | (L24 or L25) and (((brightness$3 or luminosit$3 or luminance) near7 (texel or textur$3)) and ((shape or geometry or surface) near3 (display$3 or project$3))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/09/07 08:53 |
| L26 | 0 | (L24 or L25) and (((brightness$3 or luminosit$3 or luminance) near7 (texel or textur$3)) same ((shape or geometry or surface) near3 (display$3 or project$3))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/09/07 08:53 |
| L25 | 359 | 345/1.3.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/09/07 08:53 |
| L24 | 161 | 345/1.2.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/09/07 08:53 |
| L23 | 161 | 345/1.2.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/09/07 08:53 |

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| S40 | 5 | (S35 or S36 or S37 or S38 or S39) and (image same (display or project$3) same surface same (brightness$3 or luminosit$3 or luminance)) and (GUI or "graphical user interface") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |
|-----|-----|-----|-----|-----|-----|-----|
| S24 | 1 | (S22 or S23) and (image same (display or project$3) same surface same (brightness$3 or luminosit$3 or luminance)) and (GUI or "graphical user interface") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |
| S21 | 109 | 345/647.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |
| S20 | 5 | (S11 or S12 or S13 or S15 or S18) and (image same (display or project$3) same surface same (brightness$3 or luminosit$3 or luminance)) and (GUI or "graphical user interface") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |
| L16 | 137 | 345/647.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |
| L15 | 1 | (L13 or L14) and (image same (display or project$3) same surface same (brightness$3 or luminosit$3 or luminance)) and (GUI or "graphical user interface") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |
| L14 | 1341 | 382/274.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |
| L13 | 1891 | 382/154.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |
| L11 | 408 | 345/634.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |

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|---|---|---|---|---|---|---|
| L10 | 237 | 345/20.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |
| L9 | 1378 | 345/690.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |
| L8 | 1432 | 345/629.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |
| L7 | 538 | 345/611.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:52 |
| S10 | 19 | (S5 or S6 or S7 or S8 or S9) and (image same (display or project$3) same surface same (brightness$3 or luminosit$3 or luminance)) and (GUI or "graphical user interface") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/07 08:51 |
| L5 | 1504 | 345/589.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/09/07 08:51 |
| L4 | 1144 | 345/582.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/09/07 08:51 |
| L3 | 831 | 345/581.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/09/07 08:51 |
| L2 | 650 | 345/428.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/09/07 08:51 |
| L1 | 911 | 345/426.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/09/07 08:51 |

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| S90 | 2 | 348/746.ccls. and ((luminance or luminosit$3 or intensit$3) same (texel or textur$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 12:04 |
|-----|-----|------|------|-----|-----|------|
| S89 | 54 | 348/746.ccls. and (luminance or luminosit$3 or intensit$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 12:04 |
| S88 | 144 | 348/746.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:41 |
| S87 | 8 | S86 and ((text$3 or texel) same (intensit$3 or luminance or luminosit$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:41 |
| S86 | 46 | S84 and ("345"/$.ccls. or "382"/$. ccls. or "348"/$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:31 |
| S84 | 138 | "display surface" same ((edit$3 or modify$3 or chang$3) near5 (shape or dimension or curvature)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:20 |
| S85 | 127 | "target surface" same ((edit$3 or modify$3 or chang$3) near5 (shape or dimension or curvature)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:19 |
| S83 | 70 | S82 and ((blend$3 or convolv$3 or merg$3 or mix$3) near7 (pixel or texel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:19 |
| S82 | 297 | S80 and (textur$3 same (intensit$3 or luminosit$3 or luminance)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:06 |
| S81 | 860 | S80 and (textur$3 and (intensit$3 or luminosit$3 or luminance)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:06 |

| S80 | 10938 | ("345"/$.ccls. or "382"/$.ccls. or "348"/$.ccls.) and ((display or project$3 or screen) near5 (shape or dimension or curvature)) and ((edit$3 or modify$3 or chang$3) near5 shape or (dimension or curvature)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:05 |
|-----|-------|---|---|---|---|---|
| S79 | 15541 | ("345"/$.ccls. or "382"/$.ccls. or "348"/$.ccls.) and ((display or project$3 or screen) near5 (shape or dimensions or curvature)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:04 |
| S78 | 12762 | ("345"/$.ccls. or "382"/$.ccls. or "348"/$.ccls.) and ((display or project$3) near5 (shape or dimensions or curvature)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:04 |
| S77 | 1634 | ("345"/$.ccls. or "382"/$.ccls. or "348"/$.ccls.) and ((image same (display or project$3) same (surface or target) near5 (shape or shaping or shaped))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:03 |
| S33 | 23 | (S28 or S29 or S30 or S31 or S32) and (image same (display or project$3) same surface same (brightness$3 or luminosit$3 or luminance)) and (GUI or "graphical user interface") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/06 11:01 |
| S76 | 85 | clark-richard.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/09/06 11:00 |
| S75 | 2 | morey-david-r.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/09/06 11:00 |
| S27 | 79 | clark-richard.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/09/06 11:00 |
| S26 | 2 | morey-david-r.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/09/06 11:00 |

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Terms used: <u>texel</u> <u>pixel</u> <u>image</u> <u>display</u> <u>surface</u> <u>user</u> <u>interface</u> <u>shape</u> <u>luminance</u> <u>luminosity</u> <u>luminosities</u> <u>brightness</u>

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**1**   <u>Course 25: The mobile 3D ecosystem: The mobile 3D ecosystem</u>

⬛

August 2007 **ACM SIGGRAPH 2007 courses SIGGRAPH '07**
**Publisher:** ACM Press
Full text available: 📄 <u>pdf(11.98 MB)</u>
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**2**   <u>Dynamically reparameterized light fields</u>

⬛

Aaron Isaksen, Leonard McMillan, Steven J. Gortler
July 2000  **Proceedings of the 27th annual conference on Computer graphics and interactive techniques SIGGRAPH '00**
**Publisher:** ACM Press/Addison-Wesley Publishing Co.

Full text available: 📄 <u>pdf(2.82 MB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

This research further develops the light field and lumigraph image-based rendering methods and extends their utility. We present alternate parameterizations that permit 1) interactive rendering of moderately sampled light fields of scenes with significant, unknown depth variation and 2) low-cost, passive autostereoscopic viewing. Using a dynamic reparameterization, these techniques can be used to interactively render photographic effects such as variable focus and depth-of-field within a li ...

**Keywords**: autostereoscopic displays, depth of field, frequency domain analysis, image-based rendering, light field, lumigraph, multitexturing, ray space analysis, synthetic aperture

Results 1 - 2 of 2

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## Quick Tips

- Enter your search terms in lower case with a space between the terms.

      sales offices

  You can also enter a full question or concept in plain language.

      Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

      John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

      "museum of natural history" "museum of modern art"

- Narrow your searches by using a **+** if a search term must appear on a page.

      museum +art

- Exclude pages by using a **-** if a search term must not appear on a page.

      museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

      museum +"natural history" dinosaur -Chicago

**P⊛RTAL**

USPTO

+texel +pixel +image +display +"target shape" +"user interfa|   **SEARCH**

## Nothing Found

Your search for **+texel +pixel +image +display +"target shape" +"user interface" luminance luminosity luminosities brightness** did not return any results.

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- Enclose a phrase in double quotes to search for that exact phrase.

      "museum of natural history" "museum of modern art"

- Narrow your searches by using a **+** if a search term must appear on a page.

      museum +art

- Exclude pages by using a **-** if a search term must not appear on a page.

      museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

      museum +"natural history" dinosaur -Chicago

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Terms used: **texel pixel image display target surface user interface luminance luminosity luminosities brightness**

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**1   GPGPU: general purpose computation on graphics hardware**     ▬

◆ David Luebke, Mark Harris, Jens Krüger, Tim Purcell, Naga Govindaraju, Ian Buck, Cliff Woolley, Aaron Lefohn
August 2004 **ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04**

**Publisher:** ACM Press

Full text available: 📄 pdf(63.03 MB)   Additional Information: full citation, abstract, citings

The graphics processor (GPU) on today's commodity video cards has evolved into an extremely powerful and flexible processor. The latest graphics architectures provide tremendous memory bandwidth and computational horsepower, with fully programmable vertex and pixel processing units that support vector operations up to full IEEE floating point precision. High level languages have emerged for graphics hardware, making this computational power accessible. Architecturally, GPUs are highly parallel s ...

**2   Course 25: The mobile 3D ecosystem: The mobile 3D ecosystem**     ▬

◆ August 2007 **ACM SIGGRAPH 2007 courses SIGGRAPH '07**

**Publisher:** ACM Press

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AND

| texture texturing texel | OR ▼ |

AND

| luminance luminosity brightness luminosities | OR ▼ |

AND

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|-----|-----------------|-------|
| 1. | 10 - 208067(1998) | IMAGE GENERATOR AND IMAGE GENERATING METHOD |
| 2. | 10 - 083153(1998) | DISPLAY DEVICE |
| 3. | 08 - 030211(1996) | INDICATOR WITH WIDENED ANGLE OF FIELD |